

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Artemis G. Hatzigeorgiou, *et. al.* **Confirmation No.:** 1574

Serial No.: 10/564,707

Group Art Unit: 1635

Filed: June 30, 2006

Examiner: Jane J. Zara

Title: **METHODS AND SYSTEMS FOR IDENTIFYING MICRO-RNA
TARGETS AND SYNTHESIZING NOVEL MICRO-RNAS AND USES OF
THE SAME**

**Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

FILED VIA EFS-WEB: April 19, 2011

REPLY AND AMENDMENT

Dear Sir:

This reply and amendment is being filed in response to the outstanding Official Action dated December 17, 2010, in connection with the above-identified patent application. The period to respond is extended by petition and payment of the appropriate fee provided herewith. Applicants respectfully request entry of the following amendments and withdrawal of the pending rejections upon reconsideration.

Amendments to the claims begin on Page 2.

A Remarks section begins on Page 11.